White Metal & Brass
PATTERN LETTERS & FIGURES

Manufactured by
H·W·Knight & Son
INCORPORATED
Seneca Falls, N.Y.

DISCOUNTS

		PAGE
40%	White Metal Letters and Figures on quantities listing less than $20.00.	7 to 15
50%	White Metal Letters and Figures on quantities listing $20.00 or over.	
35%	" " Tablet Letters and Figures	16 to 23, 28, 29, 36, 37
Net	" " Hebrew, Old English, Church Text	24 to 27
10%	" " Designs, Fraternal Orders	29 to 34
20%	Brass and Aluminum Lets. and Figs., all styles except:	6
Net	" " Hebrew, Old English, Church Text	24 to 27
	Brass and Nickel Plated Number Plates No. 4, 7c net	38
	" " " " " " No. 12, 8c net	38
Net	Cases for Pattern Letters	38
10%	Brass Plate Dowels	39
10%	" Peg and Tube and Shoulder	39
30%	Fillet—Wood	40
	" —Leather	40
10%	" —Tools	40
10%	Copper Brands, Castings, 60c per pound, net	41
20%	Cast Iron Letters and Figures	42
30%	Steel—Machine Made Letters and Figures	42
25%	" —Hand Made Letters and Figures	43
30%	" —Name Stamps	43
20%	Bronze Door Numbers	44 to 45

MINIMUM CHARGE, 25c

EXTRA CHARGES—Spurs or steel brads cast in the backs of letters and figures, white metal or brass, per 100 letters ..... 75c net

No extra charge for spurs on Aluminum letters and figures.

DRILLING—Two or more holes up to 2 inch size, White Metal per 100 letters ..... 50c net

Brass per 100 letters ..... 75c net

Two inches and over White Metal and Brass per 100 letters ..... $2.00 net

Drilling price includes brads for fastening.

Minimum charge for drilling 25c

Additional charge of 10% for laying out large quantities of letters to conform to paragraphs or names for tablets.

NET LIST on quantities listing less than [redacted] $3.00

POLISHED BRASS letters at regular list and discount, plus 10% for polishing flat face, and plus 15% for polishing oval face styles.

Minimum charge for polishing 25c

H. W. Knight & Son, Inc.

Seneca Falls, N. Y.

ESTABLISHED 1863

CATALOGUE
AND
PRICE LIST

No. 25

White Metal & Brass PATTERN LETTERS
AND
FIGURES

WOOD AND LEATHER FILLET
STEEL LETTERS & FIGURES
DOWELS

BRANDING IRONS
BRASS LETTERS for CEMENT WORK

H. W. Knight & Son
INCORPORATED
SENECA FALLS, N. Y.

PLEASE OBSERVE

these directions in ordering

Specify SIZE AND STYLE wanted.

State CLEARLY just what letters are wanted. Do not separate by dashes, commas or other markings unless they are wanted. We will gladly furnish order blanks if desired.

Use extreme care in MEASURING. Some styles are measured on the face, others on the back. Note manner of measuring in the description of each style. More errors occur through mistakes in measuring than in any other way.

WHITE METAL is always furnished unless otherwise specified.

If letters and figures are wanted DRILLED or with SPURS it should be so specified.

If in doubt as to STYLE, enclose a sample with your order; we will return it with your shipment.

When REVERSED letters are wanted do not fail to specify.

We have made the manufacture of PATTERN LETTERS our specialty for nearly seventy years and this long experience enables us to KNOW what is demanded by users.

We ship 90% of OUR ORDERS THE SAME DAY THEY ARE RECEIVED.
See page 5 for price list.

A Few Suggestions as to the Uses of Pattern Letters and What Lettering Should Appear on Castings.

First: Manufacturer's name and address should appear once in a prominent place on each complete machine.

Second: Symbol number and size.

Third: If you have a system for recording and storing patterns, identifying, etc., the index or location number should be on each casting used in the construction of the complete machine, each part having its individual location number. This is important for these reasons:—

First: It serves as a complete identification of patterns and castings in all parts of the shop.

A customer, in ordering repairs, may not know what mechanical name you call the broken or worn out part. He does know it is plainly marked in raised letters (for example, **10 B 7**) and he orders accordingly. There is only one pattern and one kind of casting in the shop bearing that number.

Second: Some shops order from the foundry by this number, instead of symbol number and size.

Third: It locates the exact spot in Pattern Storage where pattern is kept.

Fourth: It identifies castings in the machine shop. A good many castings may be similar, but the individual number tells what it is instantly. No high priced man looking them up and comparing them with the drawings.

CAN YOU LOCATE INDIVIDUAL PATTERNS WHEN WANTED, without a long search?

ARE YOUR CASTINGS MARKED so your customers can order repairs and get the parts wanted?

DO YOU HAVE A SYSTEM for identifying patterns in storage and castings in machine shop?

Please call the attention of your Pattern Foreman or Care Taker to these suggestions. If you would like any further information regarding this subject would be glad to furnish it on application.

We have a booklet ready for distribution, describing "A System for Recording, Lettering, and Storing Patterns, Ordering Castings, Identifying, and Assembling for Machine Work and Construction." It describes a Universal Card System, used by all parts of the shop. It will give you valuable suggestions. Mailed free on application.

SPACE REQUIRED FOR VARIOUS SIZES AND STYLES

In order to assist you in estimating the length of space required for the different sizes of Pattern Letters on a pattern, we have taken the word WASHINGTON containing 10 letters, and by referring to the table below you may know how long a line these 10 letters will make. Spaces between words or initials occupy same space as a letter.

Flat Face Roman.			Sharp Face Gothic, or Flattened Face Gothic.			Hair Line Gothic.			Gothic Branding Iron.		
3-16″	3 ″	long	⅛ ″	2 ″	long	3-32″	1½″	long	¼″	3¼″	long
¼ ″	3¾ ″	“	3-16″	2¼″	“	⅛ ″	1¾″	“	⅜″	5¼″	“
5-16″	4½ ″	“	¼ ″	2¾″	“	3-16″	2″	“	½″	6¼″	“
⅜ ″	5½ ″	“	5-16″	3½″	“	¼ ″	2½″	“	⅝″	6¾″	“
7-16″	6 ″	“	⅜ ″	4¼″	“	5-16″	3¼″	“	¾″	7¼″	“
½ ″	6½ ″	“	7-16″	5 ″	“	⅜ ″	4 ″	“	1 ″	7½″	“
9-16″	7¼ ″	“	½ ″	5¾″	“	7-16″	4¼″	“	1¼″	8 ″	“
⅝ ″	7¾ ″	“	⅝ ″	6½″	“	½ ″	4½″	“			
¾ ″	9 ″	“	¾ ″	7¼″	“	9-16″	5½″	“	Sh. Gothic Reversed		
⅞ ″	10 ″	“	⅞ ″	8¼″	“	⅝ ″	6 ″	“	½″	5½″	“
1 ″	11½ ″	“	1 ″	9½″	“	¾ ″	6¼″	“	¾″	6½″	“
1¼ ″	14¼ ″	“	1¼ ″	11½″	“	1 ″	8¼″	“	1 ″	8¾″	“
1½ ″	17 ″	“	1½ ″	13½″	“						

Classic			Architectural			Runic No. 2			Oval Face Architectural		
⅜″	4¾″	long	½″	5½″	long	⅝″	6¼″	long	¼″	2½″	long
½″	5½″	“	⅝″	6⅛″	“	1 ″	8 ″	“	5/16″	3½″	“
⅝″	6½″	“	¾″	7½″	“	1¼″	8¾″	“	⅜″	4½″	“
¾″	8 ″	“	1 ″	9¾″	“	1½″	10½″	“	½″	5¼″	“
1 ″	10¾″	“	1¼″	11½″	“	2 ″	14 ″	“	⅝″	6¼″	“
1¼″	12¾″	“	1½″	14 ″	“	5 ″	34½″	“	¾″	6¾″	“
1½″	15¼″	“	2 ″	18½″	“				⅞″	7¼″	“
2 ″	18¼″	“	2¼″	20½″	“				1 ″	8⅝″	“
			2½″	22″	“				1¼″	10¾″	“
			3 ″	27 ″	“				1½″	12¼″	“
									1¾″	15 ″	“

Condensed Deep Block			Runic No. 7			Extended Deep Block		
¼″	2½″	long	¼″	3⅛″	long	¾″	8½″	long
⅜″	2⅞″	“	⅜″	3⅞″	“	1 ″	11¾″	“
½″	3⅝″	“	½″	4¾″	“	1¼″	12½″	“
⅝″	4¼″	“	⅝″	6 ″	“	1½″	12¾″	“
¾″	4½″	“	¾″	6¾″	“	1¾″	17¼″	“
⅞″	6¼″	“	⅞″	8 ″	“	2 ″	19⅜″	“
1 ″	6½″	“	1 ″	9¼″	“	2¼″	20¼″	“
1¼″	7⅞″	“	1¼″	11 ″	“	2½″	20½″	“
1½″	9 ″	“	1½″	12½″	“	2¾″	26⅜″	“
1¾″	10 ″	“	1¾″	16 ″	“	3¼″	30 ″	“
2 ″	11¾″	“	2 ″	17½″	“	4 ″	32¼″	“
2½″	15 ″	“	2¼″	18½″	“	5 ″	32½″	“
3 ″	17 ″	“	2½″	22 ″	“	6 ″	41 ″	“
4 ″	22 ″	“	3 ″	24 ″	“			
			4 ″	29½″	“			

List Prices of Pattern and Branding Letters

Sizes	White Metal Pattern Letters. All Styles, except Branding Letters, Per 100	Gothic and Roman Brands, Per 100	Brass and Aluminum Letters Per 100	Brass Brands, Per 100
3/32"	$ 3.00	$ 4.00	$ 5.00	$ 7.00
1/8"	3.00	4.00	4.00	7.00
3/16"	3.00	4.00	4.00	7.00
1/4"	3.00	4.00	4.00	7.00
5/16"	3.00	5.00	4.00	7.00
3/8"	3.00	6.00	5.00	8.00
7/16"	3.00		5.00	8.00
1/2"	3.00	8.00	5.00	8.00
9/16"	4.00		6.00	
5/8"	4.00	9.00	6.00	9.00
3/4"	5.00	10.00	7.00	10.00
7/8"	6.00		8.00	12.00
1 "	7.00	11.00	9.00	12.00
1 1/8"	7.00	11.00	9.00	
1 1/4"	10.00	12.00	12.00	15.00
1 3/8"	10.00	12.00	12.00	
1 1/2"	15.00	15.00	18.00	20.00
1 5/8"	15.00		18.00	
1 3/4"	20.00		25.00	
2 "	30.00	30.00	30.00	30.00
2 1/4"	35.00		35.00	
2 1/2"	40.00		40.00	40.00
2 3/4"	45.00		45.00	45.00
3 "	50.00	50.00	50.00	50.00
3 1/4"	50.00		50.00	
3 1/2"	55.00		55.00	
4 "	60.00	60.00	60.00	60.00
4 1/2"	75.00		75.00	
5 "	100.00		100.00	
6 "	175.00		175.00	

No extra charge for spurs on aluminum letters and figures

EXTRA CHARGES—Spurs or steel brads cast in the backs of Letters and Figures, White Metal or Brass per 100 letters, 75c net.

DRILLING two or more holes up to 2" size, White Metal per 100 Letters, 50c net; Brass per 100 Letters 75c net. Two inches and over, White Metal and Brass, per 100 Letters, $2.00 net.

Drilling price includes brads for fastening. Minimum charge for drilling 25c.

Additional charge of 10% for laying out large quantities of letters to conform to paragraphs or names for tablets.

Minimum charge for Letters, 25c.

Polished Brass Letters at regular list and discount, plus 10% for polishing flat face, and plus 15% for polishing oval face styles. Minimum charge for polishing 25c.

BRASS
Pattern Letters and Figures

Made very smooth. May be soldered, riveted or sweat on iron or brass patterns. Made in all sizes and styles for Foundrymen and Pattern Makers to Letter or Number Patterns. Harder and more durable than White Metal.

Size	3-32	1/8	3-16	1/4	5-16	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	2	2 1/2	3	4	5
Price	5c	4c	4c	4c	4c	5c	5c	6c	7c	8c	9c	12c	18c	30	40	50	60	1.00

We will make any style shown in this list in Brass at the above prices, excepting the Brands illustrated on page **10**, which will be furnished at the following prices:

1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2	4
7c	7c	7c	7c	8c	8c	9c	10c	12c	15c	20c	30c	60c

DIRECTIONS FOR SWEATING BRASS LETTERS TO IRON PATTERNS.

Sweating or soldering Brass Letters to Iron Patterns may be done by filing or scraping the space on the pattern clean and bright where the letters are to be placed. Make a copper solution as follows: 4 oz. clear water, 1 oz. Powdered Sulphate of Copper, 1 drachm of Nitric Acid. Apply this and a coating of copper will form. Then tin this space smoothly with a thin coating of solder with a soldering iron using strong muriatic acid, cut with zinc. [This can be found at any tin shop.] See that the backs of the letters are clean and bright, and tin them. Put acid on the space where tinned, and lay the letters on the tinned space where they are to be fastened. Use a soldering iron on the letters to melt the solder, or place pattern over a forge (or use a gasoline torch) to heat the pattern until the solder flows. An alcohol lamp and a blow pipe can be used if preferred. A helper can hold the letters in position while heating or shift them around while hot with a light wire. When cool the two surfaces will be soldered firmly together. Remove all superfluous acid and solder.

Or, solder the Brass Letters on a thin brass plate, the width of the letters to be applied. Then rabbet a groove into the pattern large enough to receive this plate. We furnish Brass Letters cast on plates for inserting in this manner.

Another method is to rivet the Brass letters in place. We will drill them with No. 55 drill when so ordered. Use No. 18 brass wire for rivets.

DIRECTIONS FOR FASTENING WHITE METAL LETTERS TO WOOD OR IRON PATTERNS

They may be fastened to wood patterns with a solution of gum shellac dissolved in alcohol which is not affected by moisture. A hot soldering iron resting on the face of a letter for an instant will heat it, causing the shellac to harden, holding the letter more firmly in place. We can drill letters, using as small a drill as No. 70 and can furnish fine steel wire brads for fastening; or we can cast wire brads in the back for attaching.

We can supply fine steel brads, with small heads and extra sharp points which will drive through the letters and fasten them in place. Use a fine brad awl with very sharp point to start the brads when fastening letters having sharp faces.

WHITE METAL
Pattern Letters and Figures

FOR

Foundrymen, Machinists and Pattern Makers, to put Inscriptions of Names, Dates of Patents, Etc., on Patterns for Castings.

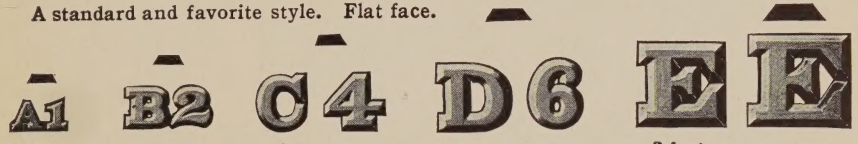
The Greatest Variety and Largest Stock in the United States.

Measured on face

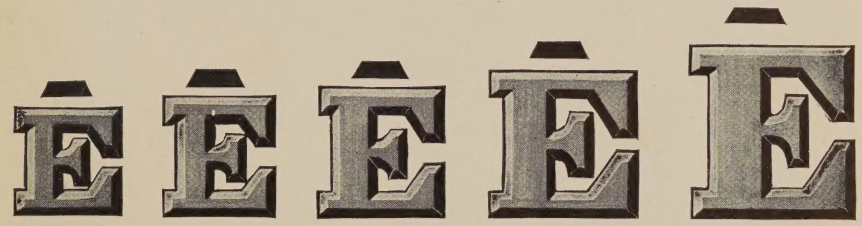
ROMAN STYLE.

The dark lines over the letters show the thickness.

A standard and favorite style. Flat face.



⅛ in. 3c 3-16 in. 3c ¼ in. 3c 5-16 in. 3c ⅜ in. 3c 7-16 in. 3c



½ in. 3c. 9-16 in. 4c. ⅝ in. 4c. ¾ in. 5c. ⅞ in. 6c.

1 in. 7c. 1¼ in. 10c. 1½ in. 15c.

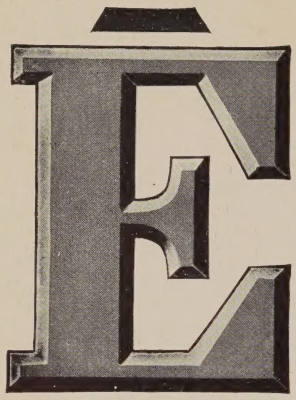
Thin style: ¼″, 5/16″, ⅜″, ½″, ⅝″, ¾″, 1″, 1¼″, 1½″.

Sizes: ½″, ⅝″, ¾″, 1″, 1¼″, ⅛″ thick.

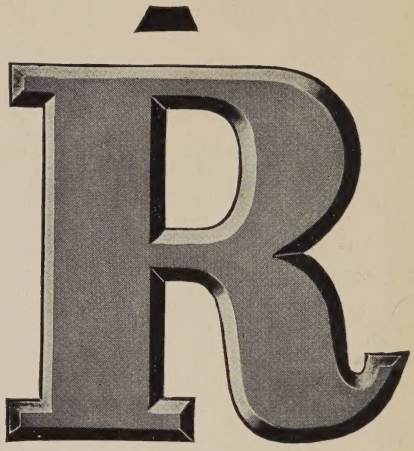
Sizes: 1″, 1¼″, 1½″, 2″, 4″ and 5″, 3/16″ thick.

Measured on face

ROMAN.

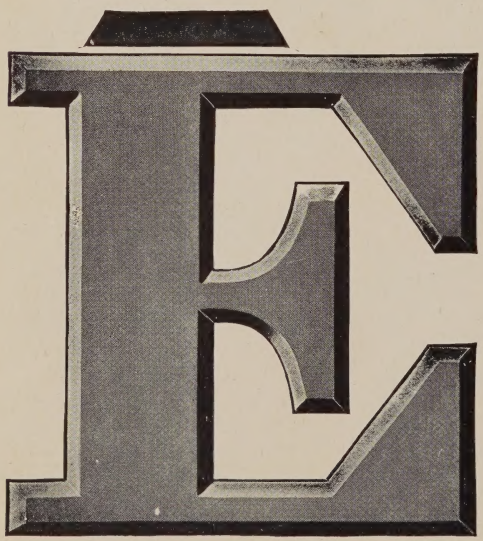


1¾ inch. 20 cents.



2 inch 30 cents.
2 inch Roman, ¼ inch thick, 30 cents each.

ROMAN.

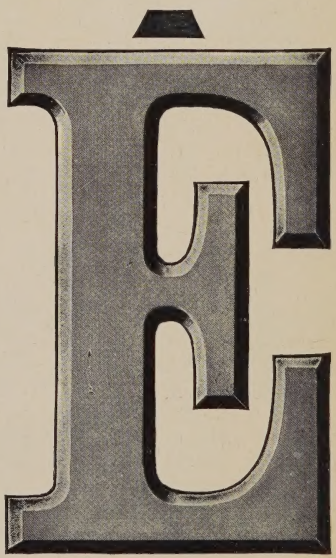


2½ inch, 40 cents.

3 in. 50c.
5 in. $1.00.

4 in. 60c.
6 in. (figures only) $1.75

CONDENSED ROMAN.



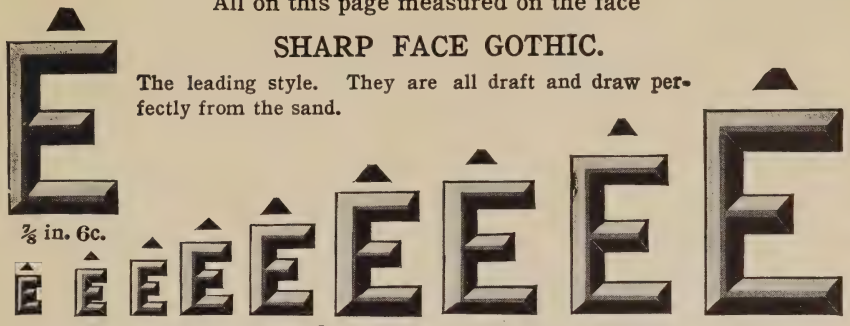
2⅝ inch, 40 cents.

2½ in.—¼ in. thick, 40c.
Condensed, 1½", 2", 2½", 2⅝", 3", 4½".

All on this page measured on the face

SHARP FACE GOTHIC.

The leading style. They are all draft and draw perfectly from the sand.



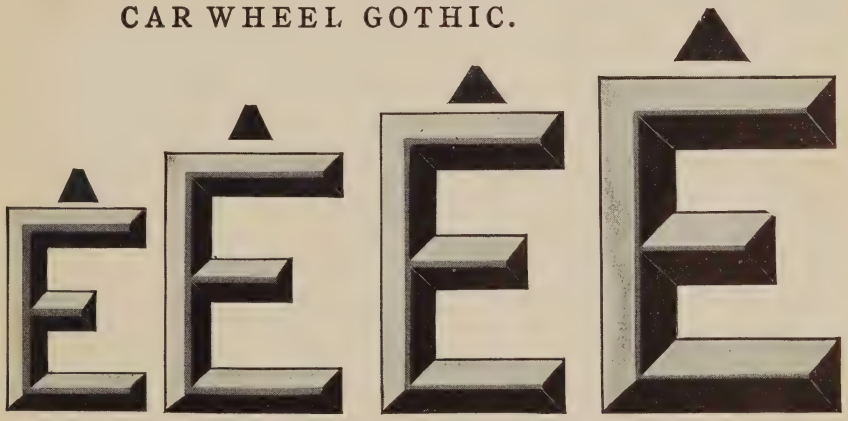
⅜ in. 6c.

⅛ 3c. $\frac{3}{16}$ 3c. ¼ 3c. $\frac{5}{16}$ 3c. ⅜ 3c. ½ in. 3c. ⅝ in. 4c. ¾ in. 5c. 1 in. 7c

Other sizes: ¾″ and 1″, $\frac{3}{16}$″ thick; 1″ and 1¼″, ¼″ thick.
Thin Sharp Gothic: ½″, ¾″, 1″, 1¼″, 1½″, 1¾″, 2″, 2½″.

HEAVY SHARP FACE GOTHIC.

CAR WHEEL GOTHIC.



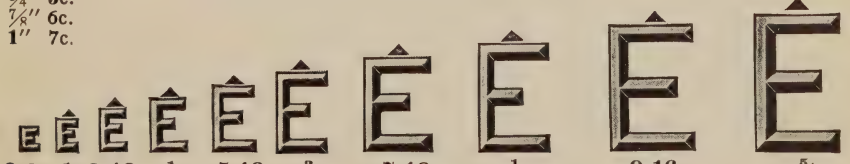
1 inch, 7c. 1¼ inch, 10c. 1¾ inch, 20c. 1½ inch, 15c. 1½ inch, 15c.

2 inch, ¼ inch, deep, 30c.
2½ inch, ¼ inch deep, 40c.
3 inch, 5-16 inch deep, 50c.
4 inch, 5-16 inch deep, 60c.

1½ Skeleton Sharp Gothic, 15c.

HAIR LINE GOTHIC.

¾″ 5c.
⅞″ 6c.
1″ 7c.



3-32 ⅛ 3-16 ¼ 5-16 ⅜ 7-16 ½ 9-16 ⅝

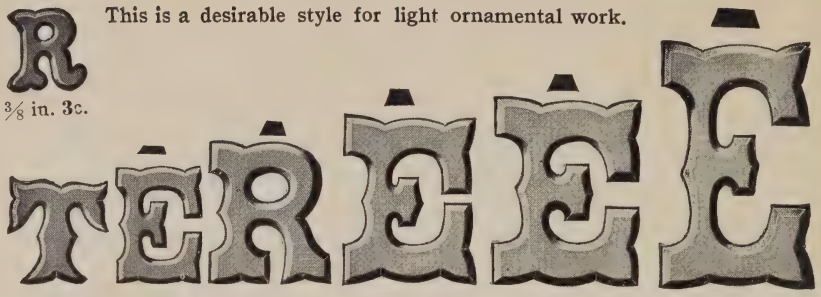
3c. 3c. 3c. 3c. 3c. 3c. 3c. 3c. 4c. 4c.

These letters will draw clean and leave a print as plain and clear as type on the castings. For Hollow Ware, Stove Manufacturers and light work will be found just the thing.

All on this page measured on the backs

ANTIQUE POINTED.

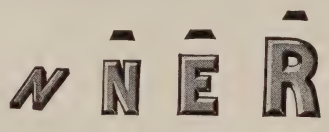
This is a desirable style for light ornamental work.



3/8 in. 3c. | 1/2 in. 3c. | 5/8 in. 4c. | 3/4 in. 5c. | 7/8 in. 6c. | 1 in. 7c. | 1 1/4 in. 10c. | 2 1/4 in. 30c.

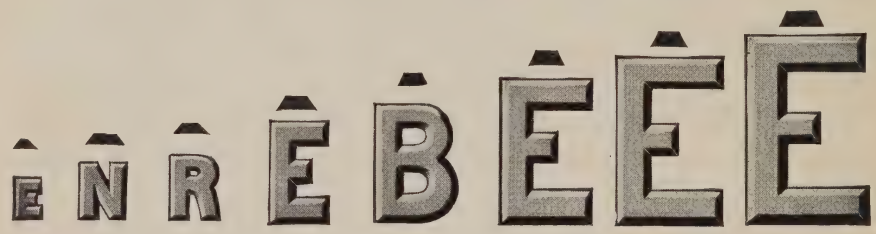
Sizes 5/8″, 7/8″ also made 1/16″ thick. 1″ Condensed, 1/8″ thick, 1 1/4″ Cond. 3/16″ thick. 1″, 5/32″ thick.

CONDENSED FLAT GOTHIC.



Perspective View. 1/4 3c. 5/16 3c. 3/8 3c.

No. 3. FLAT FACE GOTHIC.—[Thin Letter.]

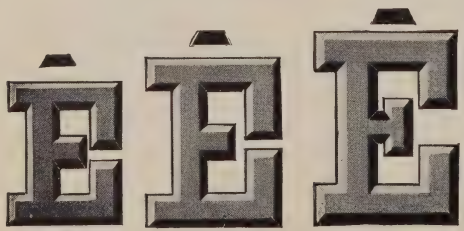


3/16 3c. | 1/4 3c. | 3/8 3c. | 1/2 3c. | 5/8 4c. | 3/4 5c. | 7/8 6c. | 1 7c.

3 1/4 in. 50c. | 4 in. 60c. | 6 in. $1.75 | 9″

No. 1 FLAT FACE GOTHIC.

[Thin Letter.]

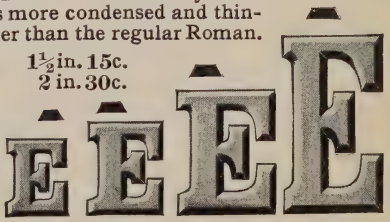


3/4 in. 5c. | 7/8 in. 6c. | 1 in. 7c.

CONDENSED THIN ROMAN

This is a desirable style and is more condensed and thinner than the regular Roman.

1 1/2 in. 15c.
2 in. 30c.



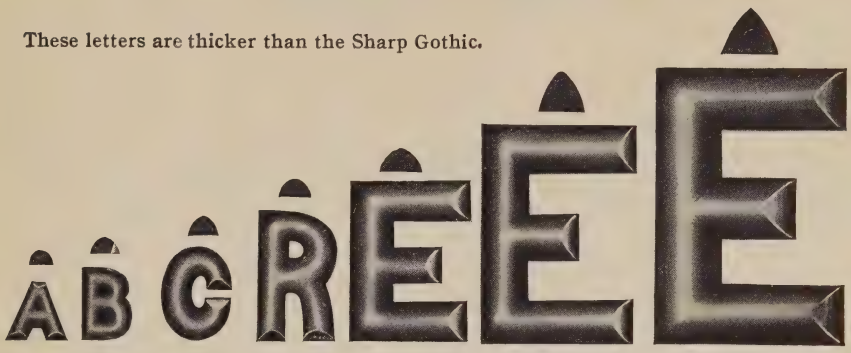
5/8 in. 3c | 1/2 in. 3c. | 5/8 in. 4c. | 7/8 in. 6c

3/4″ | 1″ | 1 1/4″ | 1 1/2″

Illustrations show full sizes

ROUND FACE GOTHIC.

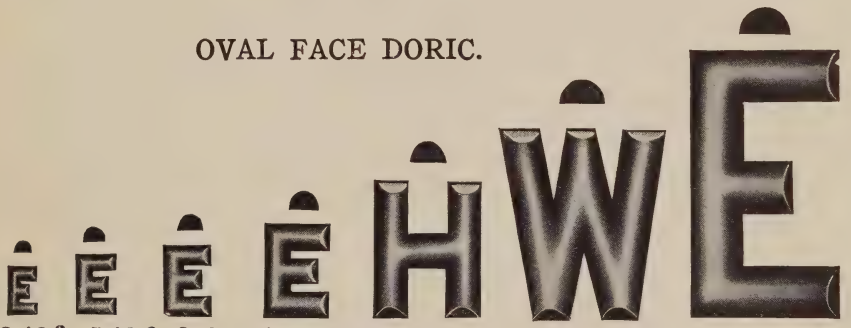
These letters are thicker than the Sharp Gothic.



¼ 3c ⅜ 3c ½ in. 3c. ⅝ in. 4c. ¾ in. 5c. 1 in. 7c. 1¼ in. 10c.

Measured on the back

OVAL FACE DORIC.



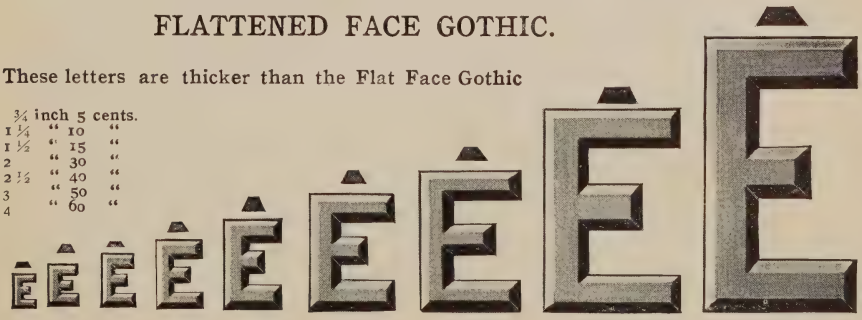
3-16 3c 5-16 3c ⅜ 3c ½ in. 3c. ¾ in. 5c. 1 in. 7c. 1½ in. 15 cents
¼ in. 3c ⅝ 4c. 1⅝ 15c. 1¾ in. 20c. 2 in. 30c. 2½ in. 40c. 3 in. 50c.

Measured from center to center of faces

FLATTENED FACE GOTHIC.

These letters are thicker than the Flat Face Gothic

¾ inch 5 cents.
1 ¼ " 10 "
1 ½ " 15 "
2 " 30 "
2 ½ " 40 "
3 " 50 "
4 " 60 "



⅛ 3c 3-16 3c ¼ 3c 5-16 3c ⅜ 3c ½ 3c. ⅝ 4c. 1 in. 7 cents. 1⅜ in. 10 cents.

DEEP BLOCK LETTER.

A GOOD LETTER FOR TABLETS.

These Measure on the Back.

¼ 3c ⅜ 3c ½ 3c. ⅝ 4c. ¾ 5c.

⅞ in. 6c. 1 in. 7c. 1¼ in. 10c. 1½ in. 15c.

Measured on the face

DEEP BLOCK NO. 2.

⅜ 3c ½ 3c. ¾ 5c. 1 in. 7c. 1¼ in. 10c. 1½ in. 15c.

⅝ in. 4c. 1¾ in. 20c. 2 in. 30c.

Measured on the face

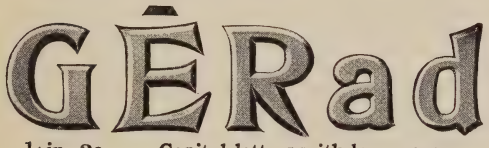
REVERSED ROMAN BRANDING-IRON PATTERNS.

For making Branding-Irons, Molds for Babbitt Metal, Brick Molds, etc.

Perspective View. ¼ in 4c. ⅜ in. 6c. ½ in. 8c. ⅝ in. 9c. ¾ in. 10c. 1 in. 11c.

DE VINNE SERIES.

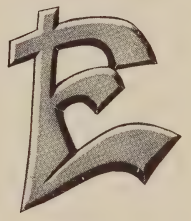
⅜ in. 3c.
No lower case.



½ in. 3c. Capital letters with lower case.

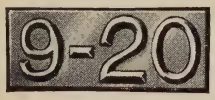
MEDIEVAL.

For Name Plates, Cash Registers or Ornamental Work.



1 in. 7c.
letters only.

LETTERS CAST ON PLATES.



Used by stove manufacturers to indicate size of cover and oven. The initials of a firm can be made to appear on castings by using these plates, consecutive numbers, etc.

They can be put to a variety of uses for lettering or numbering patterns, and save a large amount of time arranging separate letters on the patterns. Made in White Metal or Brass, any size and any amount of lettering.

WRITE FOR SAMPLES AND PRICES.

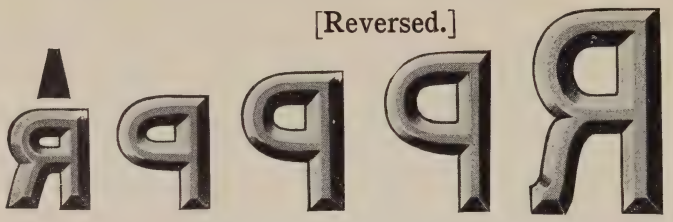
Steel Brads can be driven through them into the Pattern for Fastening.

Special designs of any style Letters and Figures or ornamental designs made to order from blue prints, or stock letters made thicker or thinner by special agreement. Will be glad to estimate on any special work.

All on this page measured on the face

GOTHIC BRANDING-IRON PATTERNS, EXTRA DEEP.

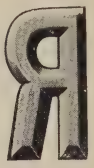
[Reversed.]



⅜ in. 6c. ½ in. 8c. ⅝ in. 9c. ¾ in. 10c. 1 in. 11c.

Used for patterns for iron or copper burning brands.

Extra Condensed Gothic Brand.



¾ in. 10c.
1½ in. 15c.

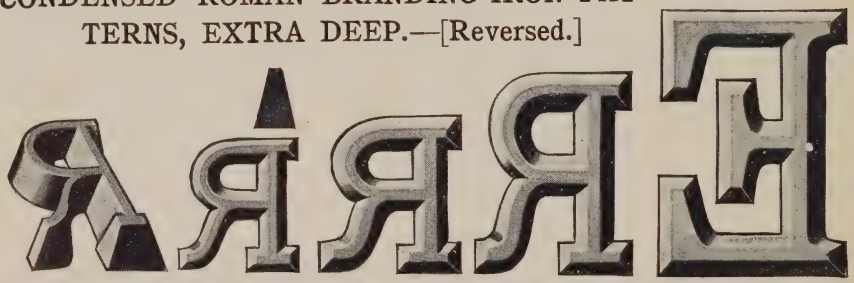
Perspective View.

1¼ in. 12c.
1½ " 15c.
2 " 30c.
4 " 60c.

HAIR LINE BRANDS.

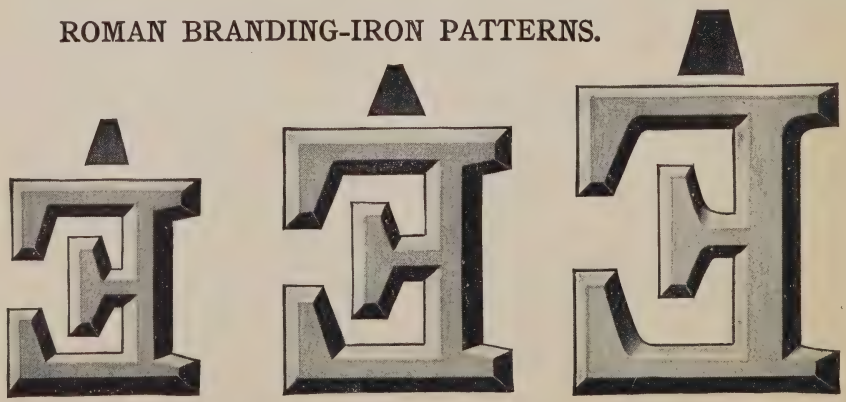
⅛ in. 4c.
3-16 " 4c.
¼ " 4c.
5-16 " 5c.

CONDENSED ROMAN BRANDING-IRON PATTERNS, EXTRA DEEP.—[Reversed.]



Perspective View. ⅝ in. 9c. ¾ in. 10c. 1 in. 11c. 1¼ in. 12c.

ROMAN BRANDING-IRON PATTERNS.



1 in. 11c. 1¼ in. 12c. 1½ in. 15c.

REVERSED SHARP GOTHIC.

The Reversed Sharp Gothic Letters are used to make impressions of lettering in Cement Walks of owners' names, or names of streets at intersections, Curb Blocks, Cemetery Posts, dating Building Blocks, etc., by pressing with the hand or tamping, molds for Babbitt Metal, Brick Molds, etc.

Size, inches—	⅛	¼	5-16	⅜	7-16	½	⅝	¾	1	1¼	1½	2	3	4
	3c.	3c.	3c.	3c.	3c.	3c.	4c.	5c.	7c.	10c.	15c.	30c.	50c.	60c.

Also sizes 2½", 6" and 8".

Fig. 3.

Fig. 3 illustrates Reversed Sharp Gothic letter with brads cast in the back for fastening.

Fig. 4 illustrates Reversed Sharp Gothic, mounted on a block to stamp in soft concrete, using one at a time.

Fig. 5 illustrates ¾ reversed letter cast on plate drilled for brad fastenings. If preferred, steel brads can be cast in the back of the single letters or figures, and the whole inscription attached to a board and used to press the letters into the cement evenly and have a smooth finish on the face of the stone.

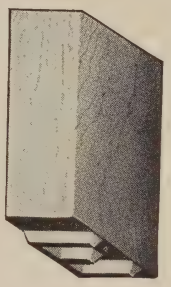


Fig. 4

PRICES

									Holders for one line per lineal foot.	
½	inch	Letters	and	Figures,	3c.	each,	mounted	on blocks,	10c. each	12c.
¾	"	"	"	"	5c.	"	"	"	12c. "	16c.
1	"	"	"	"	7c.	"	"	"	15c. "	18c.
1¼	"	"	"	"	10c.	"	"	"	20c. "	20c.
1½	"	"	"	"	15c.	"	"	"	25c. "	24c.
2	"	"	"	"	30c.	"	"	"	35c. "	30c.
2½	"	"	"	"	40c.	"	"	"	50c. "	50c.
3	"	"	"	"	50c.	"	"	"	65c. "	54c.
4	"	"	"	"	60c.	"	"	"	80c. "	65c.

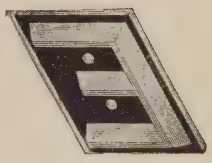
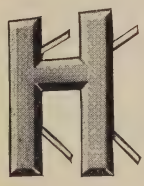


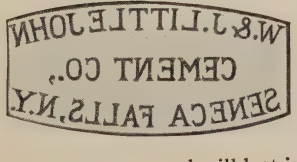
Fig. 5.



FLAT GOTHIC BRASS LETTERS.

BRASS LETTERS AND FIGURES FOR USE IN CEMENT WALKS.

The Roman and Flat Gothic Letters are cast with sprues in the backs, to hold them permanently, when embedded in Cement Walks. (See cut of letter "H"). When so used, they make an attractive sign in front of business places or residences. They can be set in curb blocks, and used for names of streets. Send for Special Price List.



NAME STAMPS FOR WALKS.

These Stamps are used to make the impression of name and address of maker, by pressing in the soft cement. We can furnish stamps for stamping the year of making, that is—1908. They are made of Brass or Hard White Metal. The latter are cheaper and will last indefinitely if properly cared for.

State size and lettering wanted, and we will quote prices on application.

In order to estimate the size of a cement stamp, consult page 4 which gives the space required for the various sizes of letters. The Sharp Gothic Reversed style is the most satisfactory style.

ADJUSTABLE NAME STAMPS consisting of Letters and Figures cast on flange plates which slide into a holder, to make impression of a complete name at one time.

HOLLOW DIES for raised lettering on cement work. Ask for special folder.

EXTENDED DEEP BLOCK

For Road, Street, Traffic Signs and Tablets.

(Measured on backs)

½", ¾", 1" 1⅛" 1¼" 1½" 1¾" 2" 2¼"

2½″ 2¾″ 3¼″ 4″ Illustrations show full sizes; all ⅛″ thick.

YOU will find on the following pages a variety of the most artistic styles of Pattern Letters and Figures for Cast Bronze Signs, Tablets, Memorials, Desk Plates and Window Signs which have ever been developed. They were carefully designed and the different sizes in several styles are all 1/8″ thick, making the lettering all on one level and more convenient in polishing.

Those who have used our goods have complimented us highly for bringing out these special lines.

ALL STYLES ARE FACE MEASUREMENT UNLESS OTHERWISE NOTED.

LIST PRICES (All Styles)

1/4″	3 cents		7/8″	6 cents		2 1/4″	35 cents
5/16″	3 "		1″	7 "		2 1/2″	40 "
3/8″	3 "		1 1/4″	10 "		2 3/4″	45 "
1/2″	3 "		1 1/2″	15 "		3″	50 "
5/8″	4 "		1 3/4″	20 "		4″	60 "
3/4″	5 "		2″	30 "		5″	1.00

SPREAD EAGLE 7″ x 18″ ONE INCH RELIEF

PRICE $5.00 NET

CLASSIC

This Classic Style is our latest production of the most perfect tablet letters ever offered. We urge you to use them on your next order for Bronze Tablets. Lower case letters can be furnished to match ½″, ⅝″ and 1″ capital letters.

Made in the following sizes:

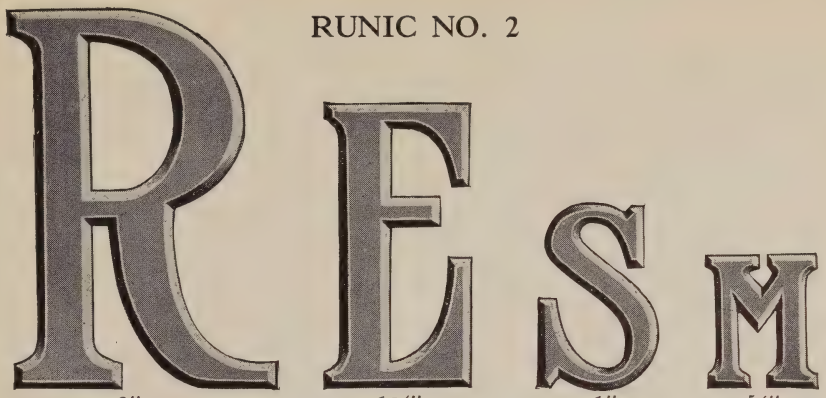
¼″, 5/16″, ⅜″, ½″, ⅝″, ¾″, ⅞″, 1″, 1¼″, 1½″, 1¾″, 2″, 2½″, 3″

All ⅛″ thick.

CLASSIC

The above illustration gives a good idea of the artistic design and beauty of our CLASSIC letters in a finished tablet. It is the most attractive tablet letter made.

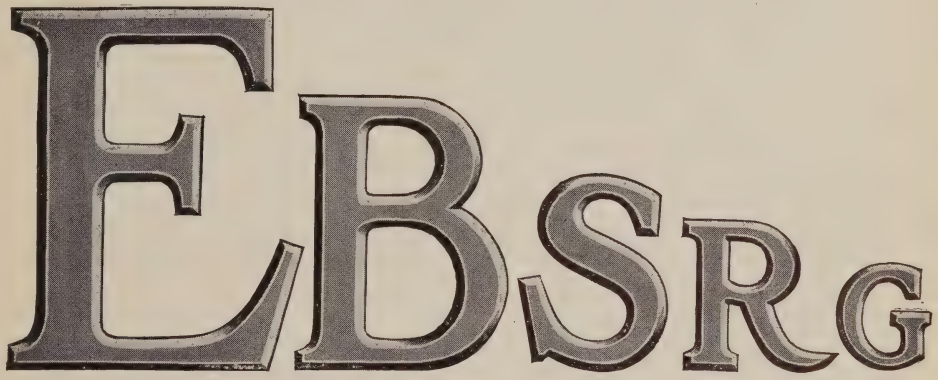
RUNIC NO. 2



2″ 1½″ 1″ ⅝″

Also ½″, ¾″, 1¼″, all ⅛″ thick. 5″ $\frac{3}{16}$″ thick.

ARCHITECTURAL LETTERS

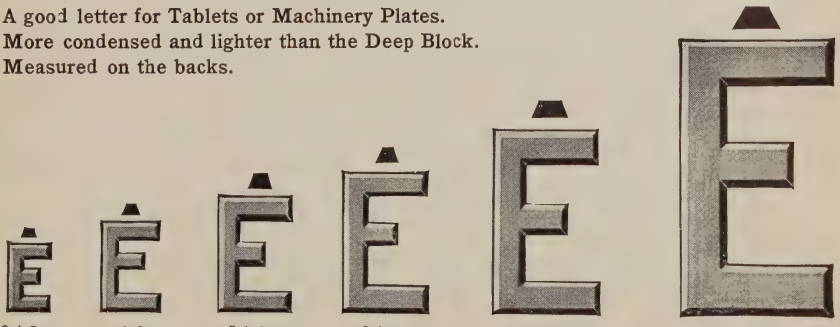


2″ 1½″ 1″ ¾″ ½″

Other sizes ⅝″, ⅞″, 1¼″, 2¼″, 2½″, 3″, these and above sizes all ⅛″ thick.
3½″ and 4½″, ⅜″ thick; also ½, ⅝, $\frac{3}{32}$″ thick.

CONDENSED DEEP BLOCK

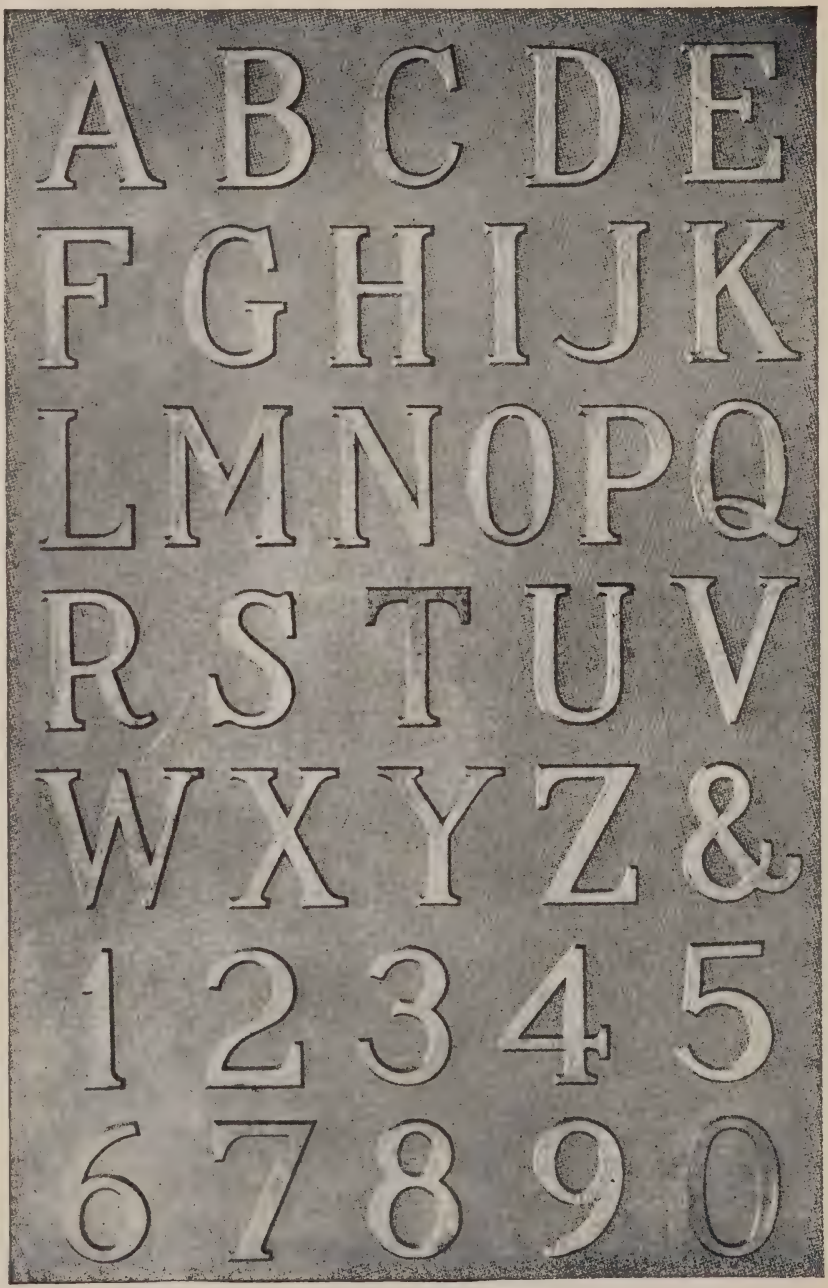
A good letter for Tablets or Machinery Plates.
More condensed and lighter than the Deep Block.
Measured on the backs.



⅜ 3c. ½ 3c. ⅝ 4c. ¾ 5c. 1 inch 7c. 1½ inch 15c.

Also sizes: ¼″, ⅞″, 1¼″, 1¾″, 2″, 2½″, 3″, 4″.

RUNIC NO. 7.



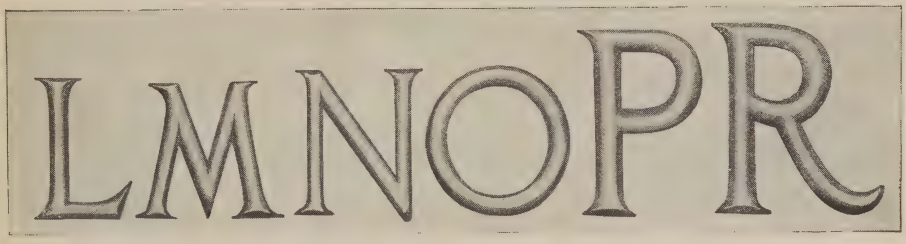
Made in the following sizes: ¼″, ⅜″, ½″, ⅝″, ¾″, ⅞″, 1″, 1¼″ all $\frac{3}{32}$″ thick; 1½″, 1¾″, 2″, 2¼″, 2½″, 2¾″ all ⅛″ thick; 3″, $\frac{5}{32}$″ thick; 4″, $\frac{3}{16}$″ thick; 1¾″, 2″, 2½″, 4″, $\frac{5}{32}$″ thick.

OVAL ARCHITECTURAL

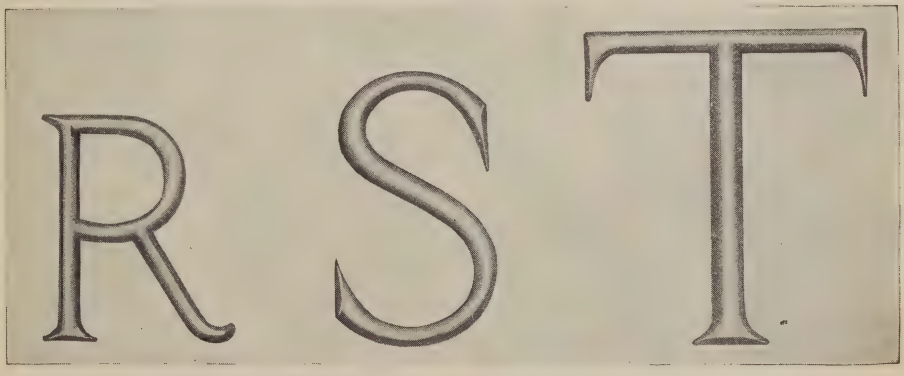
All $\frac{3}{32}$″ thick. Measured on back.

When Round Face Letters are wanted, these will make a beautiful appearance on Tablets.

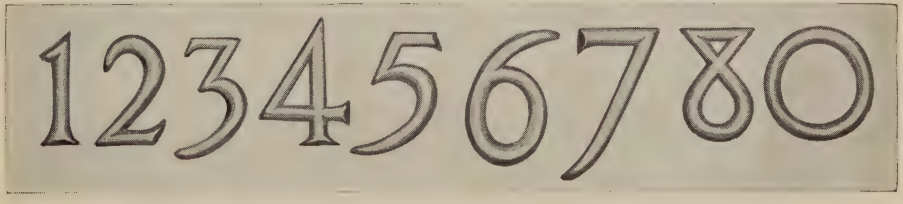
¼″ $\frac{5}{16}$″ ⅜″ ½″ ⅝″



¾″ ⅞″ 1″



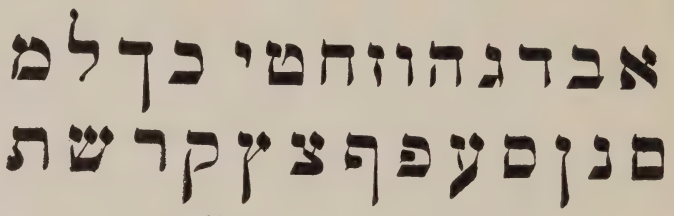
1¼″ 1½″ 1¾″



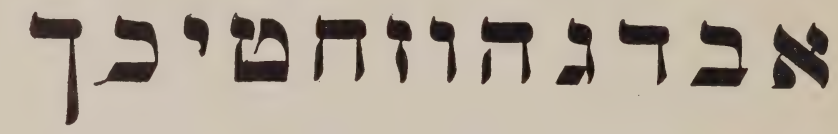
½″ Figure

HEBREW CHARACTERS FOR BRONZE TABLETS.

Illustrations show full size. Order by number.

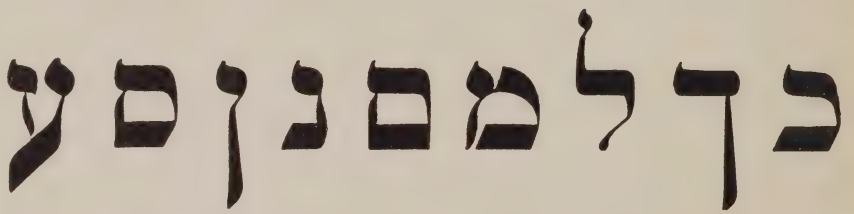


¼″ Size, $\frac{3}{32}$″ Thick, Price 3c. Each.

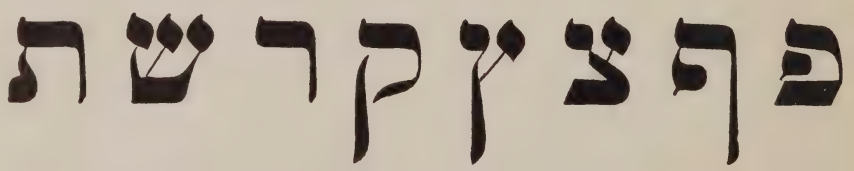


⅜″ Size, $\frac{3}{32}$″ Thick, Price 3c. Each.

10 9 8 7 6 5 4 3 2 1



19 18 17 16 15 14 13 12 11



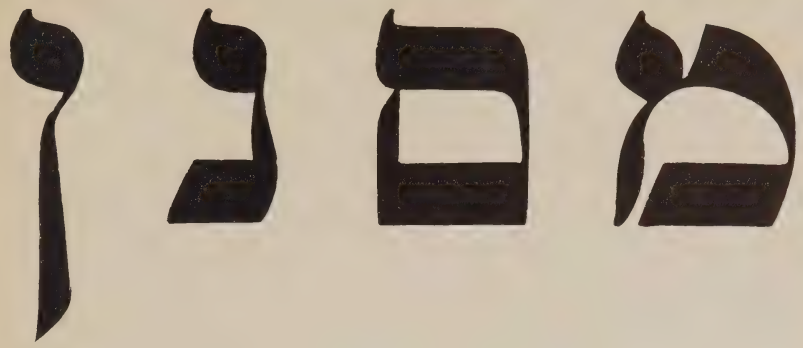
27 26 25 24 23 22 21 20

1-2″ Size, $\frac{3}{32}$″ Thick, Price 3c Each

⅝″ ⅛″ Thick, 4c

1″ ⅛″ Thick, 7c

HEBREW CHARACTERS



1¼″ ⅛″ Thick, 10c

1½″ ⅛″ Thick, 15c
2″ ⅛″ Thick, 30c

OLD ENGLISH

Made in the following sizes
¾″, 1″, 1½″ all $\frac{3}{32}$″ thick; 2″, ⅛″ thick.

Capitals and Lower Case carry the same list prices. When ordering, state if Capital Letters only are wanted; or Capitals and Lower Case.

CHURCH TEXT LETTERS
for tablets

Measured on the face

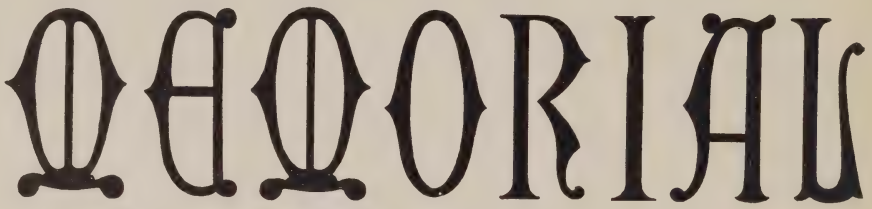


Illustration shows 1″ size

We have two sizes 1″, $\frac{1}{8}$″ thick and 1$\frac{3}{4}$″, $\frac{3}{16}$″ thick. Other sizes to order.

BRONZE LETTERS FOR FASTENING TO THE FRONTS OF BUILDINGS

Measured on the backs

These are bevelled to point, made of Cast Bronze with spurs cast on the backs for fastening to stone, brick, or cement. Furnished with scratch brush finish or oxidized, in 6″, 10″ and 12″ sizes. Prices on application.

The Classic letters shown on page **19** are very satisfactory for signs on stone pillars at entrances to Banks and Public Buildings, made of bronze with spurs cast on the backs for fastening. Prices on page 5.

CHURCH TEXT LETTERS

All 3/32″ thick

as illustrated below. These are for

MEMORIAL TABLETS

A B C D E F G H I J K L M

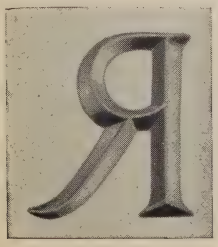
N O P Q R S T U V W X Y Z

1/4″ -3c each

A B C D E F G H I J K L M

N O P Q R S T U V W X Y Z

5/16″-3c each



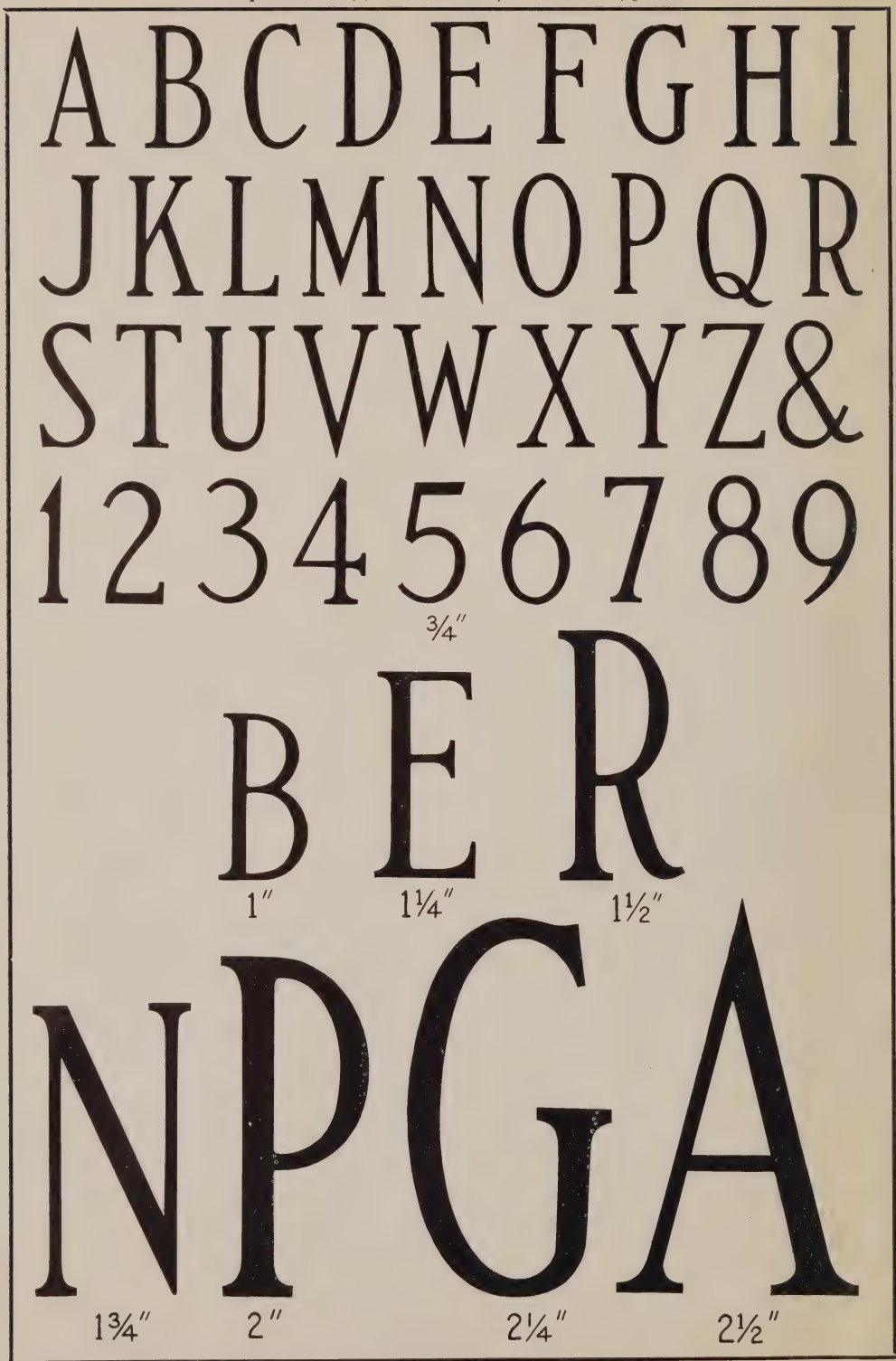
SHARP FACE ARCHITECTURAL REVERSED

For stamping soft cement and other similar work

1 inch Letters and Figures	7c each
1¼ inch Letters only	10c each
1½ inch Letters and Figures	15c each
2 inch Letters only	30c each

CONDENSED TABLET LETTERS AND FIGURES

A complete set of ¾″ is illustrated, all sizes are ⅛″ thick



We can also furnish ⅝″ size $\frac{3}{32}$″ thick

BROADWAY STYLE

⅛" THICK

Two sizes only ⅝" and ¾". Other sizes to order

BROAD WAYLET

Stock Designs for Tablets

24	Ornamental Corners 3″x3½″	$ .25	
25	Ornament for Tablets 3¾″x5¼″	.50	
58	Same as No. 25 8″x12″	1.50	
26	Ornament for Tablets 2¼″x9¼″	1.00	
27	Ornament for Tablets 3¼″x6½″	.75	
28	Ornament for Tablets 3″x10″	1.00	
29	Ornament for Tablets 1½″x13″	1.00	
30	Malta 1¾″x1¾″	.75	
31	American Nurses Corps 3″x3¼″	1.00	
32	Rainbow Girls 4″	1.00	
34	F. O. Eagles 1½″	.75	
35	Spanish War Veterans 3″	1.00	
35	Spanish War Veterans 6¾″	2.00	
36	Rebecca 1½″x1¾″	.75	
37	Patriotic Order Sons of Am. 2″x2″	.75	
38	Daughters of America 2¼″x3″	.75	
39	Masonic Slipper 1½″x4¼″	1.00	
40	DeMolay 1¼″	.50	
41	Crown 1½″x1¾″	$ .50	
42	George Washington 1¾″x2″	1.25	
43	George Washington ¾″x⅞″	.50	
44	Royal Neighbors 3″	1.00	
45	K. of P. 2″x2″	.75	
46	F. P. A. 1⅞″	.75	
47	G. A. R. 2″	.50	
48	G. A. R. 2″	.50	
49	G. A. R. 3″	.75	
50	World War Veteran 1⅞″	.75	
51	Sons & Daughters of Liberty 2½″x2⅞″	.75	
52	Fleet Reserve Association 3¾″	1.00	
53	Rotary International 3½″	1.00	
54	Kiwanis International 3″	1.00	
55	Odd Fellows 1¾″x4¼″	1.00	
56	United Order Golden Cross 4″	1.50	

Special designs modeled to order at reasonable prices.

STOCK DESIGNS FOR FRATERNAL ORDERS

Sizes and Prices on next page

Prices for the white metal designs on preceding page

Eastern Star	4½″	$1.00
Eastern Star	3″	1.00
K. of C.	3¾″	1.00
Odd Fellows	4⅛″ x 6″	1.00
Masonic	5″ x 5¼″	1.00
"	4½″ x 5¾	1.00
"	4″ x 4″	1.00
B. P. O. E.	4¼″ x 5″	1.00
Shrine (oval)	4″ x 4″	1.00
" (flat)	4″ x 4″	1.00
Rosette	1¾″	.30
Rosette	1⅞″	.30
" Masonic	1¾″	.25
"	1⅛″	.20
"	1⅛″	.20
"	⅞″	.20
"	1½″	.25
"	1⅜″	.25
Masonic	2⅜ x 2⅝″	.70
Shrine	1½″ x 2″	.40
Elk's Head	2½″ x 3″	.60
Moose	1⅝″	.30
Camel	1¼″	.20
Shrine	1″ x 1⅜″	.30
Masonic	1⅛″	.20
K. of P.	1¼″	.20
Shrine	⅞″	.15
Moose	⅝″	.15
Odd Fellows	½″ x 1½″	.20

Dashes for Tablets

Triangular Periods for Tablets 25c per 100

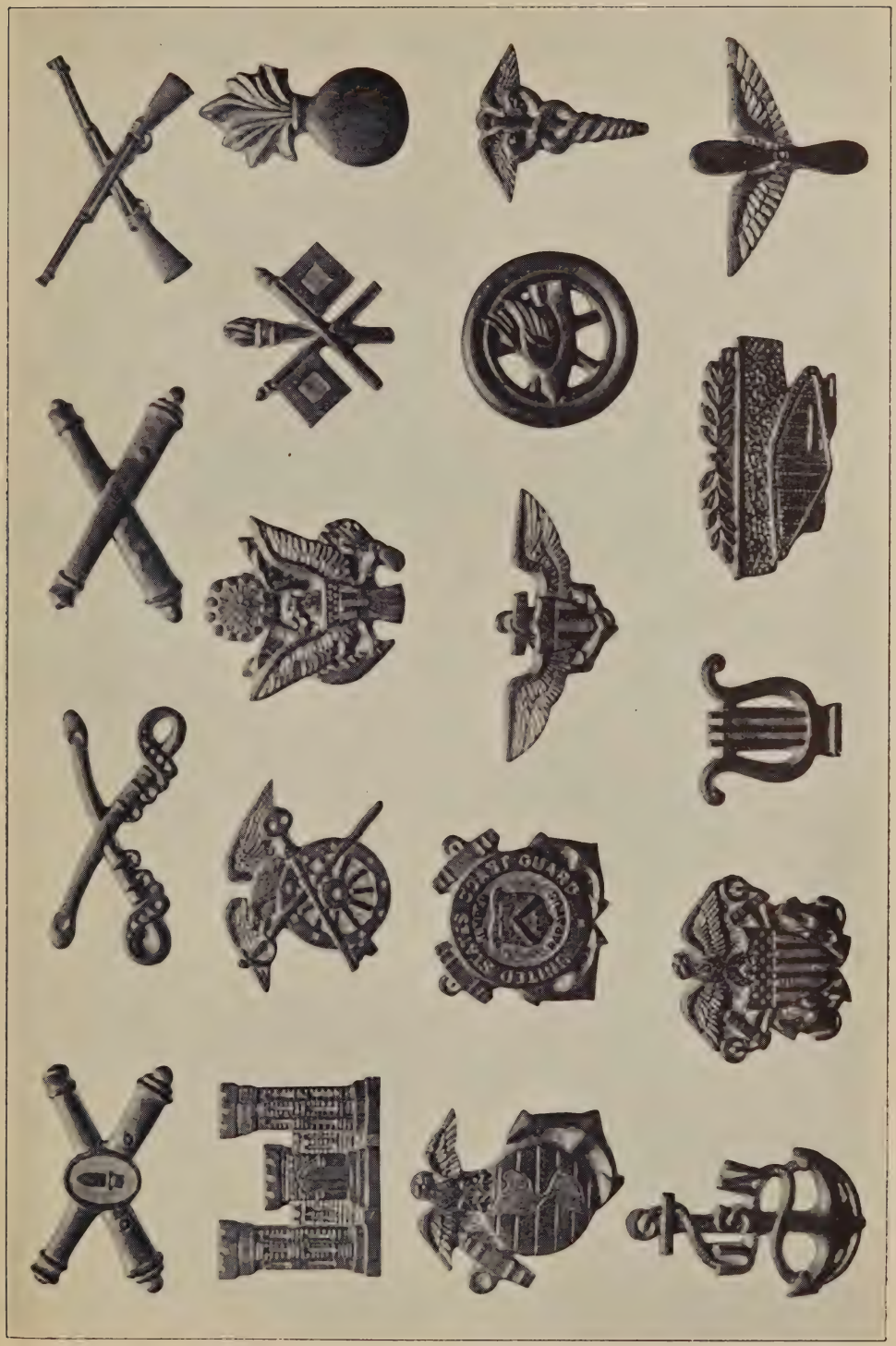
Masonic	⅝″	.15
Chapter R. A. M.	⅝″	.15
K. of P.	⅝″	.15
Odd Fellows	⅝″	.15
K. of C.	⅝″	.15
"	¾″	.15
"	1¼″	.25

TRADE MARKS, FOUNDRY MARKS, MONOGRAMS

Eagles, Arrows and Stars in various sizes

1	32d Degree Masonic 6″ (Double Eagle)	$1.50	5	D. A. R. 2½x3½″	$ .75	11	Masonic Bible 1½x3½″	$1.00	14 Masonic 1½″	$ .30	19	Woodmen of the World 3½″	$1.00
	" " " 1¼″	1.00	7	"Agony" 4x5½″	2.00	12	Shrine 3x3½″	1.00	15 Eagle 2½x8″	1.50	20	Supreme Forest Woodmen Circle 3½″	1.00
	" " " 3¾″	1.50	8	Grotto 3x3½″	1.00	13	Veteran of Foreign Wars 5x5″	1.25	16 Masonic 1½″	.30	21	Eastern Star 1¾″	.50
4	Moose 3″	1.00	9	Grotto 1½x1½″	.30		" " " 1¼″	.75	17 Bleeding Heart 3½x4¼″	1.50	22	Shrine (Oval) 2x4″	1.00
			10	Eastern Star 3½″	1.00		" " " 3″	1.00	18 Shrine 1¾x1¾″	.30	23	Odd Fellows (Oval) 2½x6¼″	1.00

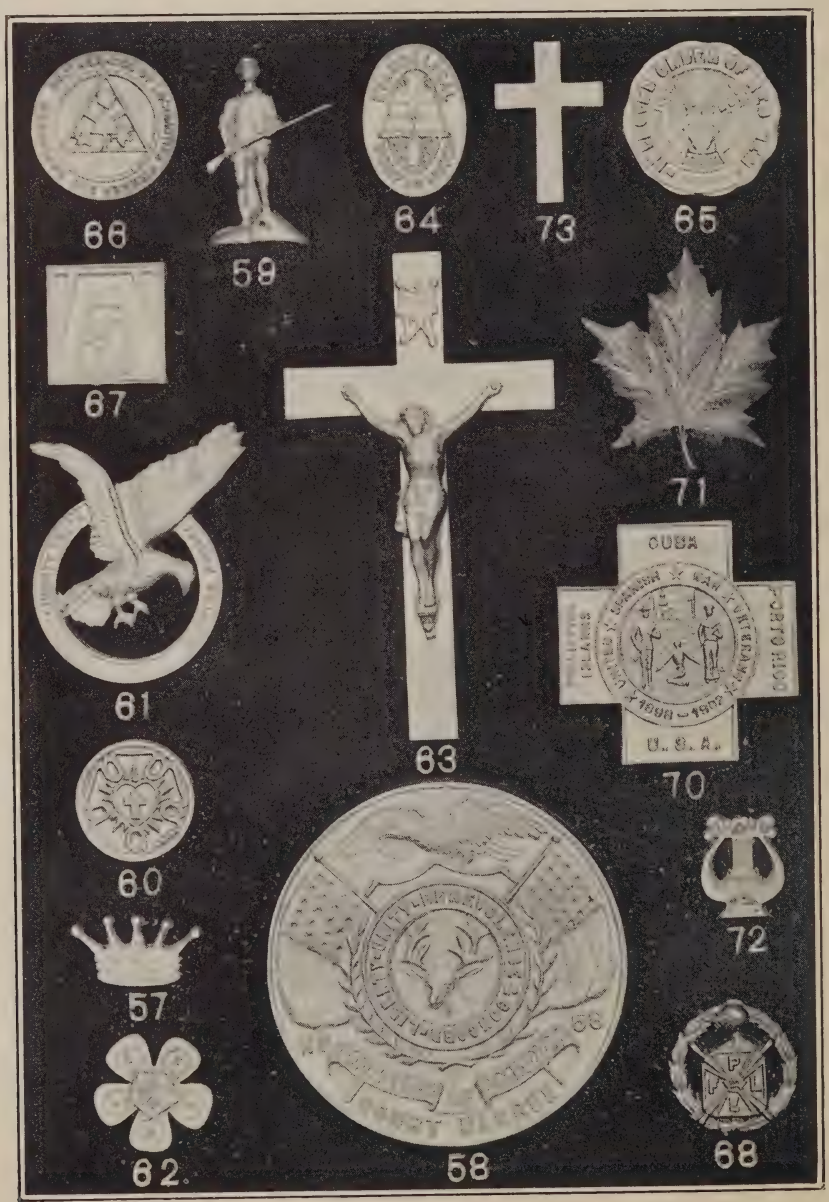
After this cut was made, the American Legion Headquarters, Indianapolis, Ind. informed us their designs were copyrighted so we cannot furnish them.



Illustrations are full size. Price 30c each.

STOCK DESIGNS FOR TABLETS

57 Crown, 7/8 x 1¾ in ..... $ .30
58 Forresters of America, 4½ in 2.00
59 Minute Man, 2⅜ x 1¾ in ..... .75
60 Luther League ..... .50
61 Fraternal Order of Eagles, 3½ x 2¾ in. 1.00
62 Royal Neighbors, 1½ in ..... .50
63 Crucifix 3¼ x 6 in 3.00
64 Evangelical Womens' Union, $1\frac{5}{16}$ x 1⅞ in ..... .50
65 Improved Order of Red Men, 2 in. ..... .50
66 Brotherhood of Locomotive Firemen and Engineers, 1⅞ in. ..... .50
67 Zonta International, 1½ in ..... .50
68 Pythian Sisters, 1⅝ in ..... .50
69 Veterans of Foreign Wars, 3 x 3 in. 1.00
70 United Spanish War Veterans, 3 x 3 in. 1.50
71 Maple Leaf, 2½ x 2¾ in ..... .50
72 Lyre, 1⅛ x 1⅜ in. ..... .50
73 Cross in all sizes ¾ in. and larger



Prices for the white metal designs

74	Eastern Star	3″	$1.00	91	1st. Cl. Badge Boy S.	½″	.30
75	Amer. Leg. Aux.	2¾″	1.00	92	Omega Epsilon	1¼″ x 4⅛″	1.00
76	Un. Bro. of Car. and Joiners of America	1⅝″	.75	94	Dinosaur	2⅞″ x 6½″	1.00
77	Knights Templar	2″ x 3″	1.25	95	Royal Arch Masonic	1¾″	.75
78	32nd. Degree Masonic	3″	1.00	96	Civ. Conserv. Corps	2¾″ x 3⅜″	1.00
79	Basket Ball Player	1¾″ x 2¼″	.75	97	M. E. Cross & Crown	1½″	.50
80	Junior Order U. A. M.	1⅝″	.50	98	Women's Relief Corps	2½″	1.00
81	Red Men	3″	1.00	99	Orangemen's	1½″	.50
82	Mod. Woodmen of A.	2¼″	1.00	100	Cross, Cr. & Wreath	1½″	.75
83	Crucifix	2¾″	1.00	101	Ornament	1¼″ x 5½″	.75
84	Eagle	2⅝″ x 3¼″	1.00	102	Urn	1¾″ x 4½″	.75
85	1st. Cl. Badge Boy S.	1½″	1.00	103	Oval Ornament	1⅜″ x 3″	.75
86	Lincoln	6½″	2.00	104	Ornament	¾″ x 5½″	.75
87	Lincoln	2¾″	1.00	105	David's Shield	3″	.75
88	Washington	6″	2.00		David's Shield	⅜″	.15
89	Boy Scout Head	2″	1.00	106	Ornament, Flaming Torch and Wreath	4¼″ x 7¾″	1.00
90	1st. Cl. Badge Boy S.	¾″	.30				

Prices for the White Metal Designs

107	Washington & Wreath	3½″	$1.00	120 Cross	1½″ $ .25
108	U. S. Army Coat of Arms	3½″	1.00	Cross	3″ .40
109	Cross & Crown	3¼″ x 4½″	1.00	Cross	4½″ .60
110	Polo Player	2½″ x 3″	1.00	Cross	6″ .75
111	Flag	1¾″ x 4″	.50	124 Oak Leaves & Acorns	1⅛″ x 7½″ 1.00
112	Same as No. 106 Page 34-A	6″ size	1.00	125 Corner Piece	1″ x 1⅞″ .30
113	Veterans of For. Wars	5″	1.25	126 Corner Piece	⅞″ x 1⅝″ .30
114	Kiwanis International	1½″	.75	127	3⅛″ 1.00
115	Cannon	2″ x 3¼″	1.00	128 D. A. R.	7″ x 9″ 2.00
116	P. E. O.	2″	.75	129 Firemens Emblem	6½″ x 6½″ 1.75
117	Lamb	1″ x 1⅝″	.50	130 Soldier	8¼″ 1.50
118		6″	1.50	131 Sailor	8¼″ 1.50
119	Sailboat	5⅝″ x 8⅝″	2.00	132 Marine	8¼″ 1.50

TWO METHODS OF FASTENING PATTERN LETTERS
on wood patterns

One Method

Aluminum letters with points may be used but we do not recommend them.

In arranging them they stand on the points, so, are elevated above the surface of the pattern, and it is difficult to get them in correct vertical position, spacing and alignment.

If one of the points strikes a hard grain in the pattern, it throws that particular character out of position, disfiguring the work.

Aluminum letters have tapered points and if the letters are driven down very close, there is a "rebound" and they are loosened.

If used in a jarring machine the letters are loosened from the pattern.
It is impossible to fit them to a curved surface.

THE OTHER METHOD—the better

In using White Metal Drilled Letters, they lie flat on the pattern and can be placed in perfect position with the aid of a straight edge and fastened in place with steel brads. Or they can be easily placed on a scribed circle and being pliable they can be bent to fit curved surfaces.

Let us furnish you with our White Metal Pattern Letters drilled, the next time you order and see how easy it is to place them on your work, and how satisfactory they are.

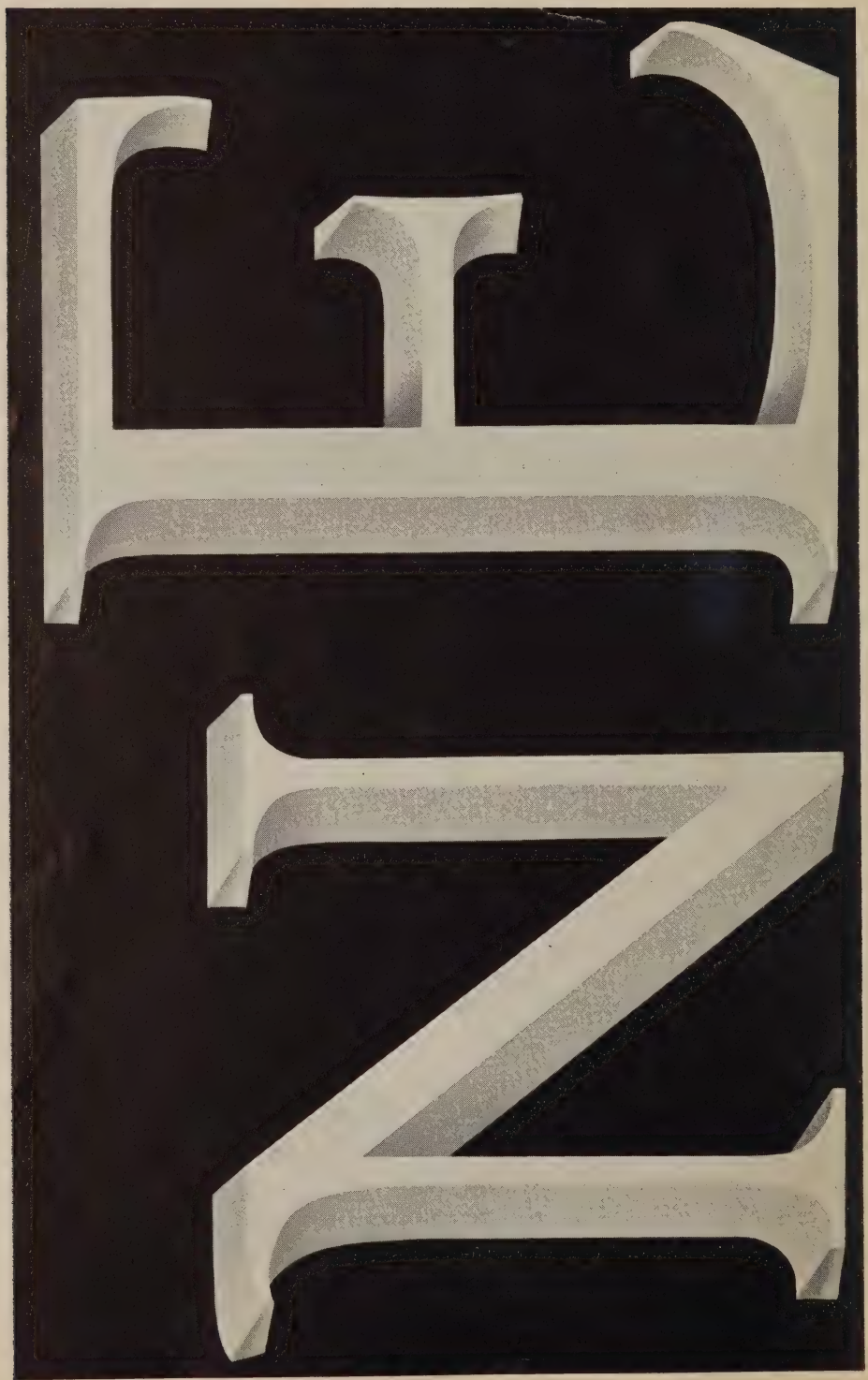
We have steel brads with very small heads made especially for us, which we furnish with drilled letters.

"Makers of Pattern Letters since 1863"

ARCHITECTURAL LETTERS $\frac{3}{8}$″ thick

3½ in., (4 in. not illustrated) 4½ in.

If made of polished bronze and with spurs on the backs for fastening, they make attractive Signs for Buildings.

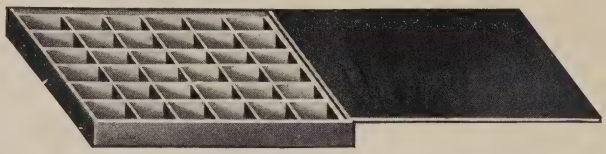


OVAL ARCHITECTURAL LETTERS (no figures)

2½ in., 3 in., 4 in., (6 in. not illustrated)

If made of polished bronze and with spurs on the backs for fastening, they make attractive Signs for Buildings.

CASE FOR PATTERN LETTERS.



These cases are 10¾″x16¼″, made with sliding covers, for Letters up to 1¼″ inclusive, $1.00 each.

We have others 14″ square (without covers) for letters up to 1½″, 70c each.

Also cases 15½″x21″ square (without covers) for letters up to 2″, $1.50 each.

For those who wish to keep a small line of Pattern Letters on hand these cases will be found very useful. They are partitioned with 36 boxes, one for each letter and figure.

A frame can be made, with cleats fastened inside for the cases to slide on, and in this way, an inexpensive Cabinet for holding stocks of Pattern Letters can be had.

We can furnish a more elaborate outfit, making Cabinets with cases similar to those used by printers. Will be glad to send estimates for anything in this line.

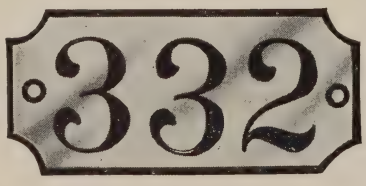
Frequently our customers order their Pattern Letters put up in "fonts," which means that more vowel letters and those mostly used, are to be sent than consonants. To illustrate:

A 10-A font of Pattern Letters and Figures contains 303 letters and figures.
A 15-A font contains 415 Letters and Figures, as follows:
15 each of A, E, I, N, O, P, R, S, T, 1, 8.
10 each of B, C, D, F, G, H, J, L, M, U, W, Y, &, 2, 3, 4, 5, 6, 7, 9, 0.
8 each of K, Q, V, X, Z.

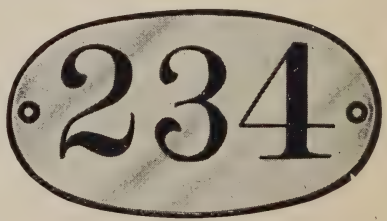
The letters will be proportioned for each larger font as above, unless otherwise ordered. Sorts can be ordered from time to time as needed to keep up the assortment.

NUMBER PLATES BRASS OR NICKEL PLATED.

MADE WITH HOLES FOR FASTENING WITH ESCUTCHEON PINS.



No. 12, Nickled, 9c



No. 4, Nickled, 8c

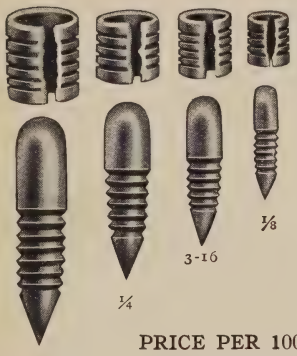
Can furnish other desirable sizes and styles..

Brass Dowels

For Patterns are far Superior to Wooden Pegs.

Always Perfect Fitting and Interchangeable.

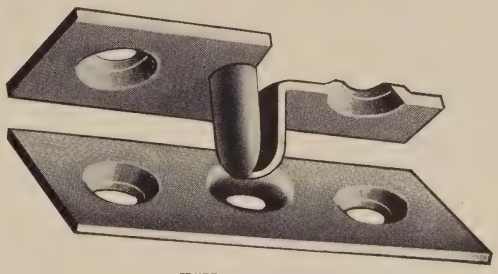
PEG AND TUBE BRASS DOWELS.



PRICE PER 100

1-8 in.	$2.50	1-4 in.	$3.50
3-16 in.	3.00	5-16 in.	4.50

PLATE BRASS DOWELS.

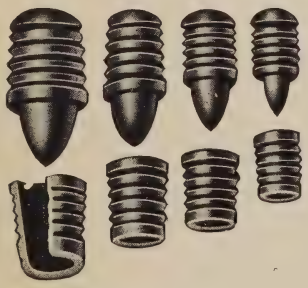


FULL SIZE 2½.

PRICE PER 100

[Measurement indicates length of Plate.]

1 in.	1¼ in.	1½ in.	2 in.	2½ in.
$5.00	$6.00	$7.00	$10.00	$15.00



SHOULDER BRASS DOWELS.

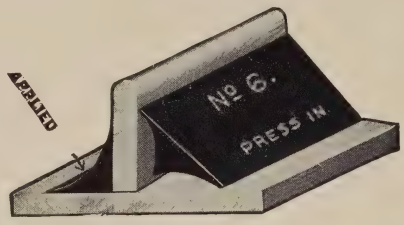
Size	Size of Pin.	Outside Dimensions.	Size of Bit.	Price Per 100
A	⅛ in.	7-32x1-2 in.	3-16 in.	$2.50
B	3-16 in.	9-32x5-8 in.	1-4 in.	3.00
C	¼ in.	11-32x3-4 in.	5-16 in.	3.50
D	5-16 in.	13-32x 1 in.	3-8 in.	5.50
E	⅜ in.	17-32x1-⅛ in.	1-2 in.	7.00
F	½ in.	21-32x1-7-16	5-8 in.	18.00
G	⅝ in.	25-32x1-⅝ in.	3-4 in.	30.00
H	¾ in.	29-32x1-⅞ in.	7-8 in.	40.00

Letters and Figures cast on Brass Plates for use on patterns for Cast Iron Soil Pipe to indicate the size and Maker's name. Estimates made on receipt of specifications.

PERFECT LEATHER AND WOOD FILLETS.

THE BEST

Perfectly Cut to Feather Edge. Cut Shows Full Size. Order by Number.



Curved Sides Cut Geometrically Correct as Shown Above.

LEATHER.

Size:	1/16	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4
Face:	3/32	3/16	5/16	3/8	1/2	9/16	3/4	31/32	1 5/32
100 ft.	$2.00	$2.00	$3.00	$4.00	$5.00	$6.00	$8.00	$10.00	$12.00

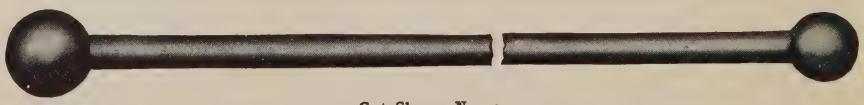
Wood Fillet made of best clear White Pine, kiln dried and free from knots, shakes' sap and blemishes. Perfect in curve to feather edges. THE BEST.

A trial demonstrates the superiority of our Fillets over all others. Sample orders solicited.

Apply leather with glue or shellac. Fillet with shellac may be burnished smooth to pattern corners with round hot iron. No nailing or clamping necessary.

WOOD.

Number:	4	6	8	10	12	14	16
Size:	1/4	3/8	1/2	5/8	3/4	7/8	1
100 Ft.,	$2.00	$2.50	$3.00	$3.50	$4.00	$4.50	$5.00



For applying leather fillet. Made of steel, highly polished.

Complete set consists of four tools (Nos. 1, 2, 3, 4) suitable for applying all sizes of leather fillet.

Cut Shows No. 2.

LIST PRICE.

Order by Number.	For Applying Leather Fillet.	Length Inches.	Price Each.
No. 1	No. 1 and 2	6	25c
No. 2	No. 3 and 4	6½	45c
No. 3	No. 5 and 6	7	60c
No. 4	No. 8 and larger	8	75c

SOLID COPPER BURNING BRANDS.

Our Burning Brands are made complete with handles, are durable, and being cast clean and sharp, make fine impressions. Used by Farmers, Contractors, Packers, Stock Men and others having wooden tools to mark, such as farm utensils, wheelbarrows, pails, shovels, etc.

Prices per letter **25c** and **60c** per pound net for castings. No brand less than **75c.**

Copper Brand Figures per set of **9** pieces, **1″** and under **$13.50**, **1¼″ $14.25**, **1½″ $15.00**, **2″ $18.00.**

Prices quoted on larger sizes, or special designs.

Illustrating ⅝ in. Letter.

BRAND

IRON

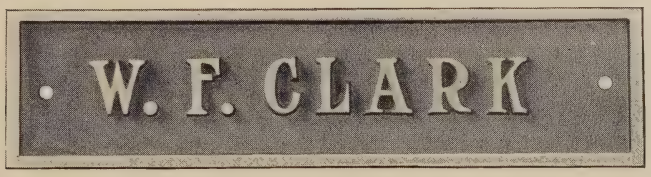
Illustrating ½ in. Letter.

The adjoining cut represents our copper burning brand and is an exact reproduction of it in every way. The letters are extra deep and of better shape than the usual brand and the back is made extra heavy to hold the heat longer. The ⅝ in. is the favorite size.

BRONZE DESK AND GRILL PLATES AND WINDOW SIGNS

With or Without Easel on the Backs

Prices quoted on receipt of specifications



MACHINE MADE STEEL LETTERS AND FIGURES.

LOWEST LIST IN THE MARKET.

These letters and figures are made from Jessop's steel, are correctly shaped, carefully tempered and hardened and are fully warranted. If any are found defective, we will replace them without charge. They are variously used, according to size, for stamping Key Checks, Jewelers' Checks, Baggage Checks, Iron, Wood, Leather, Patented Articles, Tools, Patterns, etc.

Each set is put up in a neat, compact, dust-proof wooden box, properly labeled—handy alike to the dealer and the person using them.

Illustrations of Sizes.

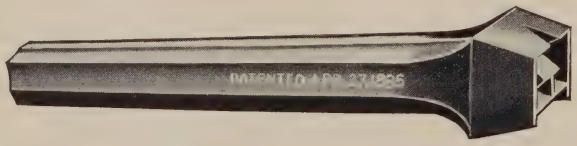
A-1-32" B-1-20" G-1-8 C-1-16" H 5/32" D-1-12" I 3/16" E-3-32" F-1-10" J 1/4" K 5/16" L 3/8" N 7/16" O 1/2

Size	Figures per Set of 9	Letters per Set of 28	Single Letters & Figures each
1-32 in.	$2.50	$ 7.50	.35
1-20 in.	2.50	7.50	.35
1-16 in.	2.00	6.00	.30
1-12 in.	1.50	4.50	.25
3-32 in.	1.50	4.50	.25
1-10 in.	1.50	4.50	.25
1-8 in.	1.50	4.50	.25
5-32 in.	1.75	5.25	.30
3-16 in.	2.00	6.00	.30
7-32 in.	2.25	6.75	.35
1-4 in.	2.50	7.50	.35
5-16 in.	3.00	9.00	.40
3-8 in.	3.50	10.50	.50
7-16 in.	6.00	18.00	.75
1-2 in.	6.00	18.00	.75

CAST-IRON LETTERS AND FIGURES.

FOR STAMPING WOOD, LEATHER, SOFT METALS, PATTERNS, ETC.

For many purposes are fully equal to steel and are much cheaper. They are cut very sharp and deep and are adapted for marking wood patterns, leather goods and soft metals. Can be used for burning brands. Two sizes ½ and ¾ inches.



E 2

Impression ½ Inch.

Full set ½ in.	Figures per set of 9 pieces,	- - - - - -	$ 2.50
" " ½ "	Alphabet " " " 27 "	- - - - - -	7.25
" " ¾ "	Figures " " " 9 "	- - - - - -	4.50
" " ¾ "	Alphabet " " " 27 "	- - - - - -	11.50

HAND MADE STEEL LETTERS

and Figures in sets, and Steel Name Stamps. These goods are the very best that can be produced. They are hand made by skilled workmen, from the best cast steel are durable and warranted to give satisfaction. We solicit orders from those desiring first class work. No extra charge for forging alphabets. Prices as follows:

Size	Letters per Set of 27	Single Letters & Figures each	Name Stamps per letter
1-32 in.	$ 9.00	$0.40	$0.60
1-24 "	7.50	.35	.60
1-20 "	7.50	.35	.60
1-16 "	6.00	.30	.50
1-12 "	6.00	.30	.50
3-32 "	6.00	.30	.50
1-10 "	6.00	.30	.50
1-8 "	6.00	.30	.50
5-32 "	6.75	.35	.60
3-16 "	7.50	.35	.60
7-32 "	8.25	.40	.70
1-4 "	9.00	.40	.70
5-16 "	12.00	.50	.80
3-8 "	13.50	.55	.90
7-16 "	21.00	.80	1.10
1-2 "	21.00	.80	1.30
5-8 "	37.50	1.40	1.70
3-4 "	45.90	1.70	2.30
7-8 "	54.00	2.00	3.20
1 "	61.00	2.30	3.60
1¼ "	81.00	3.00	4.00
1½ "	99.00	3.60	5.00

STEEL NAME STAMPS.

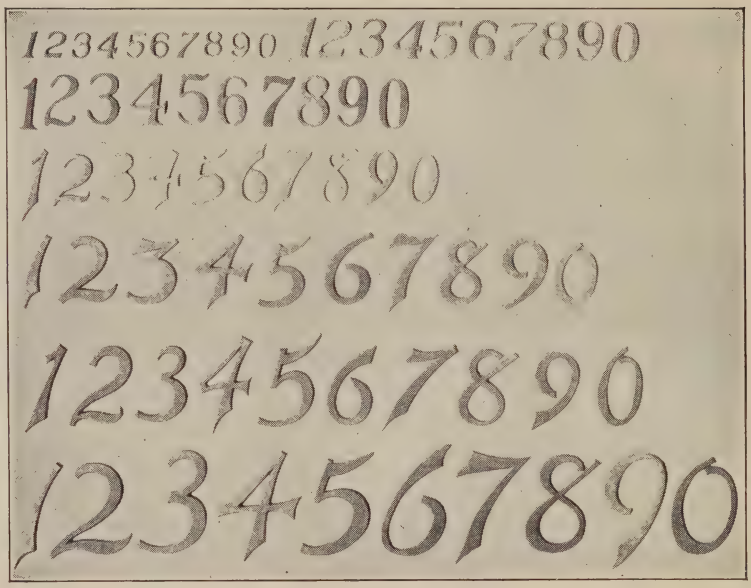
These are tempered to stamp wood, leather, steel, iron, brass or any article which is not hardened. Used for marking Mechanics' tools, patented articles, silverware, etc.

For prices see column adjoining above cut. Name stamps above 3-16 inch or more than 2½ inch face; or extra heavy stamps, 65 cents per pound for steel and forging. Larger letters than named, made to order at special rates. Two cents additional per letter if arranged in a curve, or for two or more line stamps. Initial stamps 25 per cent additional. Always mention for what purpose the stamps are to be used.

We furnish steel letters and figures with any length of shank and on any size steel, and make a specialty of heavy stamps. Steel Wheel Stamps for marking round surfaces, valve cases, etc. Reversed steel letters for stamping molds. Hammer stamps with hole for handle. Estimates furnished on fancy letters or special designs.

HIGH GRADE CAST BRONZE

FLAT FACE DOOR NUMBERS

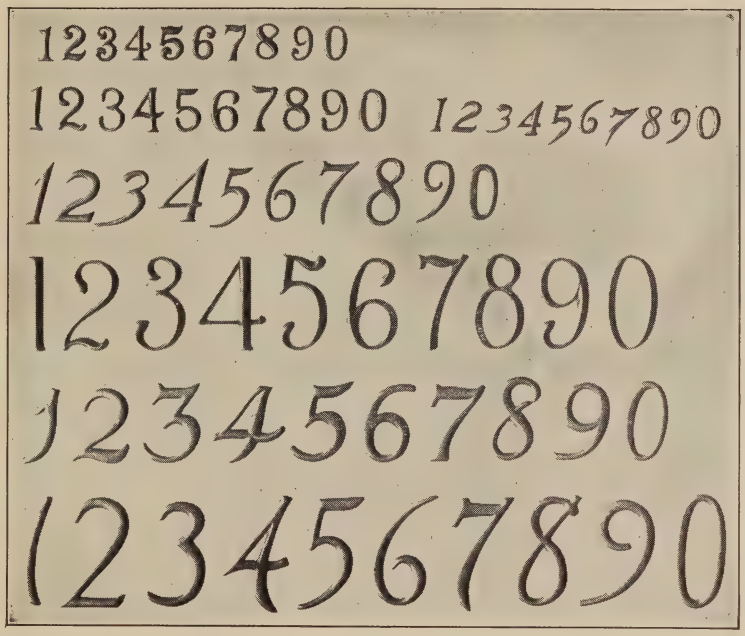


These Door Numbers are made of cast bronze and are beautifully finished. They are made with spurs on the backs for fastening.

The same designs can be cast in NICLUM—a new metal which is light in weight and takes a high polish and is a good substitute when nickel plated work is wanted, and it saves the cost of nickel plating. The prices shown will apply on NICLUM if ordered in quantities.

Illustrations line **1** Style No. **230A** **1** " size **10c**
Illustrations line **1** Style No. **230A** **1½**" size **18c**
Illustrations line **2** Style No. **224** **2** " size **25c.**
Illustrations line **3** Style No. **234** **2** " size **25c**
Illustrations line **4** Style No. **231** **2½**" size **30c**
Illustrations line **5** Style No. **230B** **3** " size **35c**
Illustrations line **6** Style No. **231** **4** " size **40c**

OVAL FACE CAST BRONZE DOOR NUMBERS



Illustrations line 1 Style No. **146** 1 " size **14**c
Illustrations line 2 Style No. **224A** 1¼" size **25**c
Illustrations line 2 Style No. **153** 1 " size **14**c
Illustrations line 3 Style No. **153** 1½" size **20**c
Illustrations line 4 Style No. **224A** 2¾" size **42**c
Illustrations line 5 Style No. **154** 2¼" size **30**c
Illustrations line 6 Style No. **154** 3 " size **42**c

The prices shown are for polished finish. We can furnish Nickel Plated, Bower Barff or Oxidized Copper at the following additional net prices:

1 " **2**c **2** " **4**c **2¾**" **5**c
1¼" **3**c **2¼**" **4**c **3** " **6**c
1½" **3**c **2½**" **5**c **4** " **7**c

BRASS LETTERS and FIGURES, can be furnished in any style shown in this list. For prices see page **6** We use a high grade of mixture in these goods. They are harder and more durable than the White Metal Letters, and are recommended for patterns subjected to hard usage. They may be fastened to metal patterns by riveting, soldering or sweating. They are made with sprues in the backs for fastening, if so ordered, are cast very smooth and are well finished.

We are making a specialty of Brass Letters for imbedding in cement walks. They are used in front of residences, public buildings and business places, and are very attractive. Reversed Letters can be furnished for making impressions in soft cement. With a single alphabet and set of figures, any name or number can be made. Also, Name Stamps, to make the impression of name and address of makers of cement walks, by pressing in the soft cement. See page **15**

MIXTURE OF METAL. It is difficult to make Pattern Letters hard enough to wear well and at the same time, soft enough so they will bend without breaking, and so steel brads may be driven through them. We have, however, succeeded in making a mixture which has these desirable qualities.

STEEL BRADS. We have steel brads made to order from fine steel wire, with very small heads and extra sharp points, which are especially adapted for driving through Pattern Letters and fastening them on patterns.

DRILLING. Where Pattern Letters are to be fastened to patterns with steel brads, we recommend that they be drilled. While it is possible to drive steel brads through the letters without bulging or breaking them, yet the work is more satisfactory if they are first drilled.

WE MAKE OTHER SIZES AND STYLES which are not shown in this Price List. If you do not see illustrated what you want, write us giving description, and it is possible we can serve you from regular stock patterns. Or, will make special designs to order at reasonable rates.

PROMPT SHIPMENTS. Our stock is immense. We keep it so, for we realize how important and necessary it is, at times, for orders to be filled promptly. So, we are ready for you, and can ship any quantity ordinarily required, on receipt of order. Try our service and our goods, and we will guarantee that you will not be disappointed.

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White Metal & Brass
PATTERN LETTERS & FIGURES

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